



IFW  
1714

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Toshiyuki MIYABASHI, et al  
Serial No.: 09/976,671      Group No.: 1714  
Filed: October 12, 2001      Examiner.: Callie E. Shosho  
For: METHOD OF PREPARATION OF POLYMER EMULSION AND INK  
COMPOSITION COMPRISING THE POLYMER EMULSION

Attorney Docket No.: U 013667-3

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SUPPLEMENTAL RESPONSE

Please substitute the attached Declaration under 37 CFR 1.132 with original ink  
signature for the copy submitted previously.

**CERTIFICATION UNDER 37 C.F.R. 1.8(a) and 1.10\***

*(When using Express Mail, the Express Mail label number is mandatory;  
Express Mail certification is optional.)*

I hereby certify that, on the date shown below, this correspondence is being:

**MAILING**

- ☒ deposited with the United States Postal Service in an envelope addressed to the Commissioner for Patents, P.  
O. Box 1450, Alexandria, VA 22313-1450.  
37 C.F.R. 1.8(a)

37 C.F.R. 1.10\*

- ☒ with sufficient postage as first class mail.      ☐ as "Express Mail Post Office to Address"  
Mailing Label No. \_\_\_\_\_ (mandatory)

**TRANSMISSION**

- ☐ transmitted by facsimile to the Patent and Trademark Office. to (571)-273-8300

Date: May 25, 2006

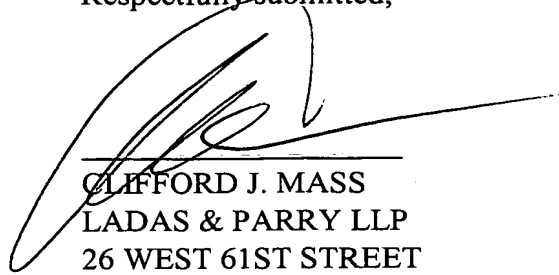
Signature

CLIFFORD J. MASS

*(type or print name of person certifying)*

**\*WARNING:** Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. 1.10(b).  
"Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Clifford J. Mass', is written over a horizontal line.

CLIFFORD J. MASS  
LADAS & PARRY LLP  
26 WEST 61ST STREET  
NEW YORK, NEW YORK 10023  
REG. NO.30,086(212)708-1890



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

--ooo:O:ooo--

In re Application of

Toshiyuki MIYABAYASHI, et al. Group Art Unit: 1714

Serial No. 09/976,671

Examiner: Callie E. Shosho

Filed: October 12, 2001

Attorney Docket No.: U 013667-3

For: METHOD OF PREPARATION OF POLYMER EMULSION AND INK  
COMPOSITION COMPRISING THE POLYMER EMULSION

--ooo:O:ooo--

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

DECLARATION UNDER 37 CFR 1.132

I, Toshiyuki MIYABAYASHI, the undersigned, do hereby declare:

1. THAT I am a co-inventor of the invention described and claimed  
in the above patent application.

2. THAT the following experiments were conducted under my  
direction and control:

(1) Preparation of Ink I

Ink I was prepared in the same manner as described in the  
specification of the above application on page 57, line 30 to  
page 58, line 12 and Table B1 on page 59 as ink composition of  
Example B3 provided that 1,2-hexanediol was replaced with the

same amount of ion-exchanged water.

(2) Preparation of Ink II

Ink I was prepared in the same manner as described in the specification of the above application on page 57, line 30 to page 58, line 12 and Table B1 on page 59 as ink composition of Example B3 provided that trimethylolpropane was replaced with the same amount of ion-exchanged water.

(3) Evaluation of Inks I and II

Inks I and II thus obtained were evaluated with respect to 1) rubbing/scratch resistance, 2) anti-clogging property, 3) ejecting stability, 4) print quality, 5) print density, 6) storage stability and 7) fast drying property according to the same manner as described in the specification of the above application on page 60, line 1 to page 63, line 5. The results are as follows. The following table includes the results of the ink composition of Example B3 described in the specification of the above application.

	Example B3	Ink I	Ink II
1) rubbing/scratch resistance	A	A	A
2) anti-clogging property	A	A	C
3) ejecting stability	A	A	C
4) print quality	A	C	A
5) print density	A	C	A
6) storage stability	A	A	C
7) fast drying property	A	C	A

3. I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may

jeopardize the validity of the application or any patent issued thereon.

May 15, 2006  
Date

Toshiyuki Miyabayashi  
Toshiyuki MIYABAYASHI